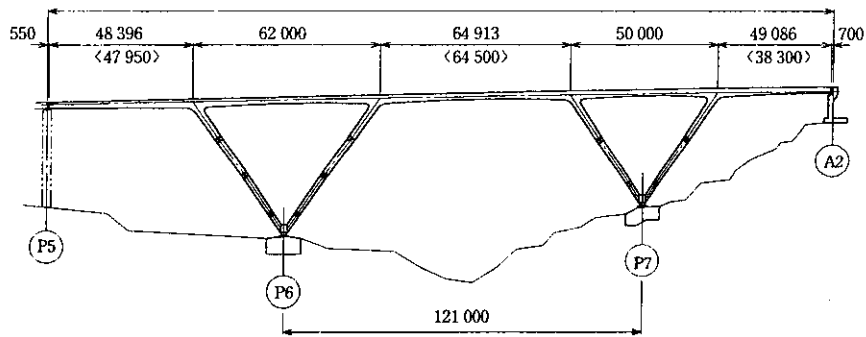
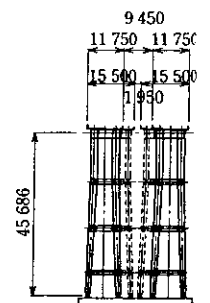


] î0 5r •



A plan of bridge
275 646



P7 Pier

9 625

Table 1 Design conditions

Design velocity (km/h)	100
Length of bridge (m)	NL: 264.000 KL: 275.646
Bridge type	NL: Steel bridge of 5 continuous girder of V-shaped rigid frame bridge

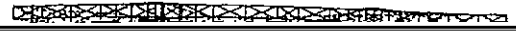
Table 2 Proper frequencies

	Modes	Nobori line		Kudari line	
		Temporary	Final	Temporary	Final
Longitudinal	1st	2.55	2.49	2.7	2.65
	2nd	0.91	0.9	1.3	1.28
	3rd	0.85	0.83	0.67	0.84
	1st	1.41	1.22	1.41	1.22

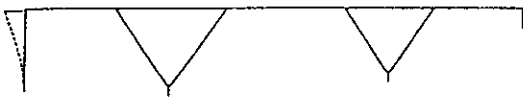
Longitudinal 1st



Transverse 1st



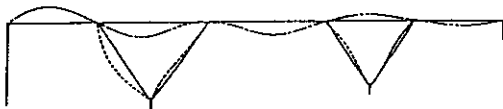
Longitudinal 2nd



Transverse 2nd



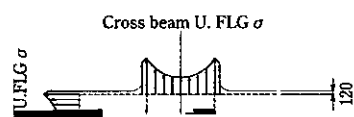
Longitudinal 3rd



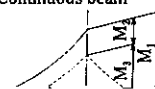
Transverse 3rd



Fig. 3 Modes of vibration



Case 1; Continuous beam



M : Bending moment of main girder.

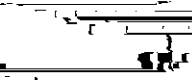
圖一



圖二

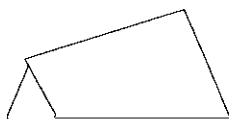


圖三



圖四







12

12

桁形状の調整 管理を行った

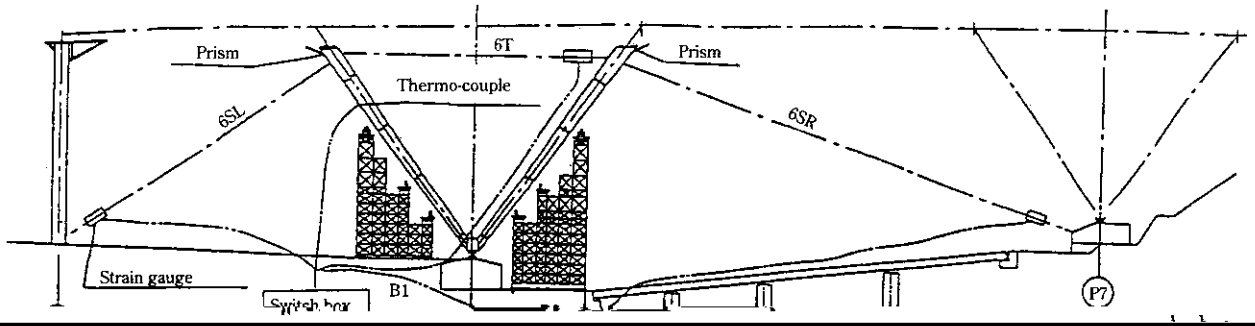
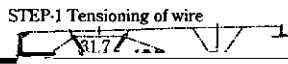


Fig. 14 Measuring system



(2) ワイヤー張力を調整することにより、桁の落とし込み時および明瞭な状態に於ける橋脚の沈下量を測定し、その結果を基に、